

Claims:

Please amend the claims as follows:

1. (Amended) A cylinder lock comprising:

an elongated lock shell having opposed axial front and rear ends and a hollow plug-receiving chamber extending therebetween, said rear end including a notch formed therein;

an elongated cylinder plug rotatably received within said plug-receiving chamber, said plug including

opposed axial front and rear ends and a hollow keyway extending therebetween for receiving a key blade, and

a hollow slot radially spaced from and extending parallel to said keyway, said slot having an opening adjacent said plug rear end, said opening being in alignment with said lock shell notch when said cylinder plug has not been rotated within said plug-receiving chamber, said slot further having a side opening in communication with said keyway; and

an elongated locking bar reciprocally mounted in said hollow slot, said locking bar including a first end extending from said slot opening and normally received within said lock shell notch for preventing rotation of said cylinder plug within said plug-receiving chamber, and

a second end axially opposed from said first end and including a protruding portion protruding into a portion of said keyway, wherein the insertion of a key having a protruding surface on one side thereof in said keyway [enrages] engages said protruding portion of said locking bar and shifts said locking bar towards said cylinder plug rear end so that said first end of said locking bar

is shifted out of said notch for permitting rotation of said cylinder plug within said plug-receiving chamber.

8. (Amended) A locking apparatus comprising:

a cylinder lock including a keyway, a set of tumblers, an elongated hollow slot radially spaced from and extending parallel to the keyway and a secondary locking bar reciprocally mounted in the slot,

said locking bar presenting a protruding portion extending transversely from the longitudinal axis of said locking bar; and

a key for operating said cylinder lock, said key including a bow, and an elongated key blade,

    said key blade including

        a proximal end attached to one end of said bow,

        a distal end,

        a pair of opposed edges extending between said proximal and distal ends, and

            a pair of side margins interconnecting said edges,

        one of said side margins including a protruding surface extending therefrom for engaging said locking bar of said cylinder lock and shifting said locking bar in said slot when said key is inserted in said keyway of said cylinder lock,

said key protruding surface engaging said locking bar protruding portion when said key is inserted in said keyway of said cylinder lock.

Please add the following new claims:

9. The apparatus of claim 8, said bow presenting a pair of outer side margins, said protruding surface not extending beyond said bow outer side margins.

10. A locking apparatus comprising:

a cylinder lock including a keyway, a set of tumblers, an elongated hollow slot radially spaced from and extending parallel to the keyway and a secondary locking bar presenting front and rear ends reciprocally mounted in the slot,

said locking bar presenting a finger portion proximate the rear end thereof and extending transversely from the longitudinal axis of said locking bar; and

a key for operating said cylinder lock, said key including a bow, and an elongated key blade, said key blade including

a proximal end attached to one end of said bow,

a distal end,

a pair of opposed edges extending between said proximal and said distal ends, and

a pair of side margins interconnecting said edges,

one of said side margins including a protruding surface extending therefrom for engaging said locking bar of said cylinder lock and shifting said locking bar in said slot when said key is inserted in said keyway of said cylinder lock.

11. The locking apparatus of claim 10, said cylinder lock further comprising:  
a lock shell presenting opposed front and rear ends, and  
a cylinder plug rotatably positioned in said lock shell,  
said lock shell having a notch formed therein proximate the rear end thereof for receiving said  
rear finger portion when said key is removed from said keyway.

12. A locking apparatus comprising:  
a cylinder lock including a keyway, a set of tumblers, an elongated hollow slot radially spaced  
from and extending parallel to the keyway, a secondary locking bar reciprocally  
mounted in the slot, and a spring for biasing said locking bar in the slot,  
said locking bar presenting a hollow chamber formed therein, said spring being at least  
partially received in said chamber; and  
a key for operating said cylinder lock, said key including a bow, and an elongated key blade,  
said key blade including  
a proximal end attached to one end of said bow,  
a distal end,  
a pair of opposed edges extending between said proximal and said distal ends, and  
a pair of side margins interconnecting said edges,  
one of said side margins including a protruding surface extending therefrom for  
engaging said locking bar of said cylinder lock and shifting said locking bar in  
said slot when said key is inserted in said keyway of said cylinder lock.

13. A locking apparatus comprising:

a cylinder lock including a keyway, a set of tumblers, an elongated hollow slot radially spaced from and extending parallel to the keyway, a secondary locking bar reciprocally mounted in the slot, a lock shell presenting front and rear ends, a cylinder plug rotatably positioned in said lock shell, and a retainer cap secured to the cylinder plug proximate said lock shell rear end, and

a key for operating said cylinder lock, said key including a bow, and an elongated key blade, said key blade including

a proximal end attached to one end of said bow,  
a distal end,

a pair of opposed edges extending between said proximal and said distal ends, and  
a pair of side margins interconnecting said edges,

one of said side margins including a protruding surface extending therefrom for  
engaging said locking bar of said cylinder lock and shifting said locking bar in  
said slot when said key is inserted in said keyway of said cylinder lock,

said retainer cap having a notch formed therein for receiving at least a portion of said locking  
bar when said key is inserted in said keyway of said cylinder lock thereby permitting  
rotation of said cylinder plug.

14. A locking apparatus comprising:

a cylinder lock including a keyway, a set of tumblers, an elongated hollow slot radially spaced

from and extending parallel to the keyway and a secondary locking bar reciprocally

mounted in the slot,

said secondary locking bar presenting a pair of sidewall sections substantially parallel to the

longitudinal axis of said locking bar; and

a key for operating said cylinder lock, said key including a bow, and an elongated key blade,

said key blade including

a proximal end attached to one end of said bow,

a distal end,

a pair of opposed edges extending between said proximal and distal ends, and

a pair of side margins interconnecting said edges,

one of said side margins including a protruding surface extending therefrom for

engaging said locking bar of said cylinder lock and shifting said locking bar in

said slot when said key is inserted in said keyway of said cylinder lock.

15. The apparatus of claim 14, said locking bar presenting a protruding portion extending

transversely from the longitudinal axis of said locking bar.

16. A key for use in combination with a cylinder lock as defined in claim 1 for operating the cylinder lock, said key comprising:

a bow presenting a pair of outer side margins; and

an elongated key blade including

a proximal end attached to one end of said bow,

a distal end,

a pair of opposed edges extending between said proximal and distal ends, and

a pair of side margins interconnecting said edges,

one of said side margins including a protruding surface extending therefrom for

engaging the locking bar of the cylinder lock and shifting the locking bar in

the slot when said key is inserted in the keyway of the cylinder lock,

said protruding surface not extending beyond said bow outer side margins.

17. A locking apparatus comprising:

a cylinder lock including a keyway, a set of tumblers, an elongated hollow slot radially spaced from and extending parallel to the keyway and a secondary locking bar reciprocally mounted in the slot; and

a key for operating said cylinder lock, said key including a bow, and an elongated key blade,

said key blade including

a proximal end attached to one end of said bow,

a distal end,

a pair of opposed edges extending between said proximal and distal ends, and

a pair of side margins interconnecting said edges.

one of said side margins including a protruding surface extending therefrom for  
engaging said locking bar of said cylinder lock and shifting said locking bar in  
said slot when said key is inserted in said keyway of said cylinder lock,  
said bow presenting a pair of outer side margins,  
said protruding surface not extending beyond said bow outer side margins.

18. The key of claim 17, said protruding surface being spaced from said bow.

19. The key of claim 17, the distance between said key blade side margins being less than  
the distance between said bow outer side margins.